

LISTING OF THE CLAIMS

1. (Original) A method of recognizing speech so as to modify a currently active vocabulary, comprising:

receiving an utterance;

comparing said received utterance to a stored recognition vocabulary representing a currently active vocabulary; and

dynamically updating the stored recognition vocabulary for subsequent received utterances based on said comparison.

2. (Original) The method of claim 1, the received utterance being received in a voice dialog from a user, the step of dynamically updating the stored recognition vocabulary being based on a current state of user interaction in the voice dialog and on a recognition result.

3. (Original) The method of claim 1, said step of dynamically updating the recognition vocabulary including running an application to update the stored recognition vocabulary.

4. (Original) The method of claim 3, said application being an application run by a client device, or being an application run by a server in communication with the client device.

5. (Original) The method of claim 4, wherein said application is a web-based application having multiple pages, said stored recognition vocabulary being dynamically updated as a user navigates between different pages.

6. (Original) The method of claim 1, said step of receiving including extracting only information in said received utterance necessary for recognition.

7. (Original) The method of claim 1, said step of comparing including comparing a speech template representing said received utterance to said stored recognition vocabulary.

8. (Original) A speech recognition system, comprising:
a client device receiving an utterance from a user; and
a server in communication with the client device, the client device comparing the received utterance to a stored recognition vocabulary representing a currently active vocabulary, recognizing the received utterance and dynamically updating the stored recognition vocabulary for subsequent received utterances.

9. (Original) The system of claim 8, wherein the dynamically updating of the stored recognition vocabulary is dependent on a current state of user interaction in the voice dialog and on a recognition result from the comparison.

10. (Original) The system of claim 8, the client device further including an application that dynamically updates the stored recognition vocabulary.

11. (Original) The system of claim 8, the server further including a vocabulary builder application which dynamically updates the stored recognition vocabulary by sending data to the client application.

12. (Original) The system of claim 11, said vocabulary builder application sending individual vocabulary elements to the client device for augmenting the currently active vocabulary.

13. (Original) The system of claim 8, the server further including a database storing client-specific data that is updatable by the client device.

14. (Original) The system of claim 8, the client device further including a processor for comparing a speech template representing said received utterance to said stored recognition vocabulary to obtain a recognition result, wherein the processor controls the client application to update the stored recognition vocabulary.

15. (Original) The system of claim 14, said processor being a microprocessor-driven speech recognition engine.

16. (Original) The system of claim 8, wherein the update to the stored recognition vocabulary is stored on the client device and on the server.

17. (Original) The system of claim 10, wherein if the application is run on the server, the recognition vocabulary update is sent from server to client device via a communication path.

18. (Original) The system of claim 17, said communication path being embodied as any one of a simultaneous voice data (SVD) connection, wireless data connection, wireless channels, ISDN connections, or PPP dial-up connections.

19. (Original) A method of customizing a recognition vocabulary on a device having a current vocabulary of preset voice-activated commands, comprising:

receiving an utterance from a user that is designated to replace at least one of the preset voice-activated commands in the stored recognition memory; and
dynamically updating the recognition vocabulary with the received utterance.

20. (Original) The method of claim 19, the user implementing a speaker-training feature on the device in order to dynamically update the recognition vocabulary.

21. (Original) The method of claim 19, wherein the received utterance replaces a voice-activated command that is difficult for the device to recognize when input by the user, so as to enhance the usability of the device.